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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

POKRZYWA, JOSEPH R

ART UNIT

PAPER NUMBER

2622

DATE MAILED: 10/22/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/266,922

Applicant(s)

KATO ET AL.

Examiner

Joseph R. Pokrzywa

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 01 August 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☒ The proposed drawing correction filed on 01 August 2002 is: a) ☒ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☒ Interview Summary (PTO-413) Paper No(s) 7
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

## DETAILED ACTION

### *Response to Amendment*

1. Applicant's amendment was received on 8/1/02, and has been entered and made of record. Currently, **claims 1-24** are pending.

### *Drawings*

2. The proposed drawing correction and/or the proposed substitute sheets of drawings, filed on 8/1/02 have been approved. A proper drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The correction to the drawings will not be held in abeyance.

### *Claim Objections*

3. The objection to **claim 17**, as cited in the Office action dated 5/7/02, is overcome by the changes set forth in the amendment.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. **Claims 1 through 24** are rejected under 35 U.S.C. 102(e) as being anticipated by Hiyokawa *et al.* (U.S. Patent Number 6,333,702).

Regarding **claim 1**, Hiyokawa discloses a communication terminal apparatus (navigation device, seen in Fig. 1, column 5, lines 14 through 67) comprising a first memory (storage medium 37) that stores parameters for each of a plurality of geographical divisions (column 5, lines 47 through 57, and column 8, lines 18 through 25) and at least one operation-control program (column 8, lines 1 through 38), a second memory (flash memory 3 or RAM 4, column 6, lines 3 through 16), and a control device (CPU 2) that initializes the second memory (flash memory 3 or RAM 4) on the basis of parameters for a selected geographical division (column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42), the parameters for the

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selected geographical division being read from the first memory (column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42).

Regarding **claim 2**, Hiyokawa discloses the apparatus discussed above in claim 1, and further teaches that the parameters for each of a plurality of geographical divisions (see Fig. 5) include at least one of a geographical division-specific parameter (column 7, line 64 through column 8, line 30, and column 9, line 42 through column 10, line 27) and a non-geographical division-specific parameter for each of the plurality of geographical divisions (column 7, line 64 through column 8, line 30, and column 9, line 42 through column 10, line 27).

Regarding **claim 3**, Hiyokawa discloses the apparatus discussed above in claim 2, and further teaches that if no geographical division-specific parameter has been stored in the second memory (column 10, lines 37 through 42, wherein the data in the RAMs are cleared), the control device (CPU 2) reads at least one of a geographical division-specific parameter regarding the selected geographic division and a non-geographical division-specific parameter regarding the selected geographical division, from the first memory (data storage medium 37, column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42), and stores the at least one of a geographical division-specific parameter and the non-geographical division-specific parameter into the second memory (column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42).

Regarding **claim 4**, Hiyokawa discloses the apparatus discussed above in claim 2, and further teaches that if at least one geographical division-specific parameter regarding a first geographical division has already been stored in the second memory (flash memory 3 or RAM 4) and a second geographical division is selected (column 8, lines 9 through 38), the control device

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(CPU 2) reads at least one geographical division-specific parameter regarding the selected second geographical division from the first memory (data storage medium 37, column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42), and stores the at least one geographical division-specific parameter into the second memory (column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42).

Regarding *claim 5*, Hiyokawa discloses the apparatus discussed above in claim 1, and further teaches of an input device (input/output device 30, column 7, lines 11 through 23) that allows the user to rewrite parameters stored in the second memory (flash memory 3 or RAM 3), the parameters including a geographical division code (column 8, lines 1 through 38).

Regarding *claim 6*, Hiyokawa discloses the apparatus discussed above in claim 1, and further teaches that the first memory is a read-only non-volatile memory (column 7, lines 51 through 63) and the second memory (flash memory 3 or RAM 3) is a rewritable non-volatile memory (column 6, lines 3 through 15, and column 51, lines 22 and 23).

Regarding *claim 7*, Hiyokawa discloses a communication terminal apparatus (navigation device, seen in Fig. 1, column 5, lines 14 through 67) comprising a first specification storing device (storage medium 37) into which a plurality of specifications (column 5, lines 47 through 57, and column 8, lines 18 through 25) and at least one operation-control program are pre-stored (column 8, lines 1 through 38), a selector device (input/output device 30) that selects a selected specification from the first specification storing device (column 7, lines 11 through 23), a second specification storing device (flash memory 3 or RAM 4) that stores the specification selected by the selector device (column 3, lines 18 through 43), a determining device (CPU 2) that determines whether the specification stored in the second specification storing device is a

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predetermined specification (column 39, line 66 through column 40, line 19), and a control device (CPU 2) that performs a control such that a main program starts (see Figs. 6 and 7, column 11, line 12 through column 12, line 43), if the determining device determines that the specification stored in the second specification storing device is the predetermined specification (column 12, lines 34 through 58).

Regarding **claim 8**, Hiyokawa discloses the apparatus discussed above in claim 7, and further teaches that specifications include at least one parameter regarding a communication in a geographic division (see Fig. 5, column 7, line 64 through column 8, line 30, and column 9, line 42 through column 10, line 27).

Regarding **claim 9**, Hiyokawa discloses the apparatus discussed above in claim 7, and further teaches that the main program operates on the basis of the specification stored in the second specification storing device (column 8, lines 18 through 30).

Regarding **claim 10**, Hiyokawa discloses the apparatus discussed above in claim 7, and further teaches of an output device (input/output device 30) that outputs a parameter of the specification stored in the second specification storing device (column 7, lines 11 through 23, and column 8, lines 31 through 38).

Regarding **claim 11**, Hiyokawa discloses the apparatus discussed above in claim 7, and further teaches that the first specification storing device includes a read-only non-volatile memory (column 7, lines 51 through 63), and the second specification storing device (flash memory 3 or RAM 3) includes a rewritable non-volatile memory (column 6, lines 3 through 15, and column 51, lines 22 and 23).

Regarding **claim 12**, Hiyokawa discloses a method of setting parameters in a communication apparatus (navigation device, seen in Fig. 1, column 5, lines 14 through 67) comprising storing parameters for each of a plurality of geographical divisions (column 5, lines 47 through 57, and column 8, lines 18 through 25) and at least one operation-control program (column 8, lines 1 through 38) in a first memory location (storage medium 37), receiving a selection of a selected geographical division from the plurality of geographical divisions (column 7, lines 11 through 34, and column 9, lines 27 through 40), storing the parameters for the selected geographical division in a second memory location (flash memory 3 or RAM 4, column 6, lines 3 through 16), the parameters for the selected geographical division being read from the first memory location (column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42).

Regarding **claim 13**, Hiyokawa discloses the method discussed above in claim 12, and further teaches that the parameters for each of a plurality of geographical divisions (see Fig. 5) include at least one of a geographical division-specific parameter (column 7, line 64 through column 8, line 30, and column 9, line 42 through column 10, line 27) and a non-geographical division-specific parameter for each of the plurality of geographical divisions (column 7, line 64 through column 8, line 30, and column 9, line 42 through column 10, line 27).

Regarding **claim 14**, Hiyokawa discloses the method discussed above in claim 13, and further teaches that if no geographical division-specific parameter has been stored in the second memory location (column 10, lines 37 through 42, wherein the data in the RAMs are cleared), at least one of a geographical division-specific parameter regarding the selected geographic division and a non-geographical division-specific parameter regarding the selected geographical



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division is read from the first memory location (data storage medium 37, column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42), and stored in the second memory location (flash memory 3 or RAM 4, column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42).

Regarding *claim 15*, Hiyokawa discloses the method discussed above in claim 13, and further teaches that if at least one geographical division-specific parameter regarding a first geographical division has already been stored in the second memory location (flash memory 3 or RAM 4) and a second geographical division is selected (column 8, lines 9 through 38), at least one geographical division-specific parameter regarding the selected second geographical division is read from the first memory location (data storage medium 37, column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42) and is stored in the second memory location (column 7, line 64 through column 8, line 38, and column 10, lines 37 through 42).

Regarding *claim 16*, Hiyokawa discloses the method discussed above in claim 12, and further teaches of receiving a command to rewrite parameters stored in the second memory location (flash memory 3 or RAM 3), the parameters including a geographical division code (column 8, lines 1 through 38).

Regarding *claim 17*, Hiyokawa discloses a method of setting parameters in a communication terminal apparatus (navigation device, seen in Fig. 1, column 5, lines 14 through 67) comprising storing a plurality of specifications (column 5, lines 47 through 57, and column 8, lines 18 through 25) and at least one operation-control program (column 8, lines 1 through 38) in a first memory location (in storage medium 37), selecting a selected specification from the plurality of specifications in the first memory location (column 7, lines 11 through 23), storing

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the selected specification (column 3, lines 18 through 43) in a second memory location (flash memory 3 or RAM 4), determining whether the specification stored in the second memory location is a predetermined specification (column 39, line 66 through column 40, line 19), and starting a main program (see Figs. 6 and 7, column 11, line 12 through column 12, line 43) if the specification stored in the second memory location is the predetermined specification (column 12, lines 34 through 58).

Regarding **claim 18**, Hiyokawa discloses the method discussed above in claim 17, and further teaches that specifications include at least one parameter regarding a communication in a geographic division (see Fig. 5, column 7, line 64 through column 8, line 30, and column 9, line 42 through column 10, line 27).

Regarding **claim 19**, Hiyokawa discloses the method discussed above in claim 17, and further teaches that the main program operates on the basis of the specification stored in the second memory location (column 8, lines 18 through 30).

Regarding **claim 20**, Hiyokawa discloses the method discussed above in claim 17, and further teaches of outputting a parameter of the specification stored in the second memory location (through input/output device 30, column 7, lines 11 through 23, and column 8, lines 31 through 38).

Regarding **claim 21**, Hiyokawa discloses the apparatus discussed above in claim 2, and further teaches that at least one geographical division-specific parameter is a parameter regarding communication standards adopted in a country (column 39, line 66 through column 40, line 19).

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Regarding *claim 22*, Hiyokawa discloses the apparatus discussed above in claim 8, and further teaches that at least one geographical division-specific parameter is a parameter regarding communication standards adopted in a country (column 39, line 66 through column 40, line 19).

Regarding *claim 23*, Hiyokawa discloses the method discussed above in claim 13, and further teaches that at least one geographical division-specific parameter is a parameter regarding communication standards adopted in a country (column 39, line 66 through column 40, line 19).

Regarding *claim 24*, Hiyokawa discloses the method discussed above in claim 18, and further teaches that at least one geographical division-specific parameter is a parameter regarding communication standards adopted in a country (column 39, line 66 through column 40, line 19).

### ***Conclusion***

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joe Pokrzywa whose telephone number is (703) 305-0146. The examiner can normally be reached on Monday-Friday, 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (703) 305-4712. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

*J.R.P.*

Joseph R. Pokrzywa  
Examiner  
Art Unit 2622

jrj  
October 16, 2002

*Anh Vu Nguyen*

**MADELEINE NGUYEN  
PATENT EXAMINER**

*AU 2622*